

## Safety Resources

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### Laboratory Safety

Before stepping into a laboratory, a student or worker must be aware of all the possible hazards in their laboratory. There may be multiple categories of hazard present (physical, chemical, biohazardous, radiation) and all students / workers should be trained to work safely around these hazards.

#### IN CASE OF A CHEMICAL SPILL:

- ▶ **Contact Waste Management Facility (306) 966-8497 -- Weekdays (8 AM - 4:30 PM)**
- ▶ **Contact Protective Services (306) 966-5555 -- Evenings / Weekends (24-Hour Dispatch)**
- ▶ **File an [incident report](#) after the spill has been dealt with.**

### Training

The following training is required for any person entering the laboratory.

- ▶ [Laboratory Safety Training](#)
  - [Laboratory Safety Manual](#)
- ▶ [Site specific training](#)
  - [Local Standard Operating Procedures \(SOPs\)](#)
  - [Emergency Response Plan \(ERP\)](#)
  - [Orientation \(Workplace hazards, equipment, safety equipment, First aid kit, proper waste disposal, etc.\)](#)
    - [Generic workplace orientation checklist template](#)

For assistance in developing a local training program, contact our [Safety Management System team](#).

### Requirements

#### Postings/signs/information - Outside the laboratory

- ▶ [Contact names and numbers](#) for the laboratory
- ▶ [Approved signage](#) to indicate the presence of hazardous activities in the laboratory:
  - [Biohazard materials](#)
  - [Radioactive materials](#)
  - [Elevated noise levels](#)
  - [Personal protective equipment requirements](#)
  - [Warning signage for specific hazards](#)

#### Postings/signs/information - Inside the laboratory

- ▶ [Licences/permits/certifications](#) issued by regulatory agencies
- ▶ University issued [biosafety permits](#)
- ▶ University issued [nuclear substance permits](#)
- ▶ [Safety Data Sheets](#)
- ▶ [Emergency response posters](#)
- ▶ [Warning signs on equipment](#) (e.g. flammable materials, lasers, microwaves, high voltage, pinch/crush hazards, etc.)

### Safety equipment

The following equipment must be available and maintained:

- ▶ [Personal protective equipment \(PPE\)](#)
- ▶ [Building fire safety systems](#) (e.g. fire alarms, smoke alarms, sprinklers, exit signage)
- ▶ [Fire extinguisher\(s\)](#)
- ▶ [Emergency eyewash and/or shower](#)
- ▶ [First aid kit](#)
- ▶ [Spill kit](#)

## Required Documentation

The maintenance of proper documentation shows due diligence.

- ▶ [New student / employee orientation](#)
- ▶ [Student / employee training records](#) (laboratory safety training certificate issued via email upon completion of training)
- ▶ [Standard operating procedures](#)
- ▶ [Training log\(s\)](#)
- ▶ [Working alone or after hours plan](#)
- ▶ [Experiment / Research Workstation Sign](#)
- ▶ [Exit form](#)

## Posters / Resources / Information

- ▶ [Chemical and Biological Safety Information](#)
- ▶ [Equipment or Area Release Form](#)
- ▶ [Eyewash Station Testing Log](#)
- ▶ [Fridge / Freezer Approval Request Form](#)
- ▶ [Guide for General Laboratory Spill Kit Contents](#)
- ▶ [Laboratory Design Guide](#)
- ▶ [Safety Shower Testing Procedure](#)
- ▶ [Facilities Decommissioning Standard](#)
- ▶ [Facility Decommissioning Certificate](#)
- ▶ [Proper Pipetting Guide and Calibration](#)



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